**IN THE CLAIMS:**

***Kindly replace the claims of record with the following full set of claims:***

1. (Currently amended) Inductive-system comprising a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn spacing; and a second part in the form of an air coil comprising a further number of turns defined by at least one wire diameter and at least one coil diameter ~~a non-printed coil~~ which printed coil and which non-printed coil are coupled serially, wherein a total inductance of the inductive system is substantially equal to an inductance of the printed coil plus an inductance of the air coil plus a mutual inductance which is determined based on a direction of said printed coil, a direction of winding of said air coil and a length of said air coil.

2. (Cancelled).

3. (Cancelled).

4. (Currently amended) Inductive system as defined in claim [[3]] 1, wherein ~~a value of the mutual inductance has been chosen by combing a right turn air coil or a left turn air coil with a clockwise printed coil or an anti-clockwise printed coil and by selecting a length of the air coil, with~~ the mutual inductance increasing with the length of the air coil until a maximum overlapping area between the printed coil and the air coil has been reached.

5. (Currently amended) Inductive system as defined in claim [[2]] 1, wherein the number of turns are further defined by a diameter of a center path and a turning direction with the further number of turns being further defined by a turning orientation.

6. (Previously amended) Inductive system as defined in claim 1, wherein one end of the non-printed coil is coupled to a center end of the printed coil with the other end of the non-printed coil and an outer end of the printed coil constituting ends of the inductive system.

7. (Previously amended) Inductive system as defined in claim 1, wherein the printed coil is printed on an inner or an outer layer of a printed circuit board.

8. (Currently amended) Printed circuit board which comprises an inductive system comprising a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn spacing; and a second part in the form of an air ~~a non-printed~~ coil which printed coil and which non-printed coil are coupled serially, and which printed coil is printed on an inner or outer layer of the printed circuit board, wherein a total inductance of the inductive system is substantially equal to an inductance of the printed coil plus an inductance of the air coil plus a mutual inductance which is determined based on a direction of said printed coil, a direction of winding of said air coil and a length of said air coil.

9. (Currently amended) Tuner which comprises a filter with an inductive system comprising a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn spacing and a second part in the form of a non-printed coil which printed coil and which non-printed coil are coupled serially, wherein a total inductance of the inductive system is substantially equal to an inductance of the printed coil plus an inductance of the air coil plus a mutual inductance which is determined based on a direction of said printed coil, a direction of winding of said air coil and a length of said air coil.

10. (Currently amended) Method for producing an inductive system comprising the steps of producing a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn spacing producing a second part in the form of a non-printed coil and coupling the printed coil and the non-printed coil, said printed circuit coil and said non-printed coil being connected in series and having an inductance being a combination of an inductance of each of said printed circuit coil and said non-printed coil and a mutual inductance therebetween, wherein said mutual inductance is determined based on a direction of said printed coil, a direction of winding of said air coil and a length of said air coil.